

## PMTA – Estimated Costs & Timings\*



<ul style="list-style-type: none"> <li>• Vapor Chemistry – Analysis &amp; Reporting</li> <li>• In Vitro Toxicity Testing</li> <li>• In Vitro Cellular Response</li> <li>• Pharmacokinetics</li> <li>• Abuse Liability</li> <li>• Biomarker Studies</li> <li>• Perception Study</li> <li>• Field Study (abridged)</li> <li>• Modelling (future population impact)</li> </ul>	<p>\$0.03 million</p> <p>\$0.5 million</p> <p>\$2 million</p> <p>\$0.8 million</p> <p>\$0.5 million</p> <p>\$1.8 million</p> <p>\$0.5 million</p> <p>\$10.5 million</p> <p>\$0.25 million</p>	<p>3 months</p> <p>12 months</p> <p>24 months</p> <p>12 months</p> <p>9 months</p> <p>18 months</p> <p>15 months</p> <p>24 months</p> <p>6 months</p>
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### COST:

The costs highlighted are based on what is believed to be the probable minimum set of requirements. A range is anticipated of between 10 and 20 million USD, dependent on the requirements of the final regulations. At this stage, the total above of \$16.88 million per SKU is believed to represent a reasonable assessment of likely cost

### TIMING:

Given that it may be possible to run activities concurrently, a timing range is anticipated of between 2.5 and 3.5 years. This range is highly dependent on the ability to secure independent, external laboratory capacity

\* Estimates based on potential PMTA requirements / partial current requirements for cigarettes. All figures are per SKU.